

REMARKS

This application has been carefully reviewed in light of the Office Action dated January 24, 2003. Claims 1-10 remain pending in this application. Claims 1 and 8-10 are the independent claims. Favorable reconsideration is respectfully requested.

Applicant notes with appreciation the indication that Claims 3-7 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant respectfully refrains from so amending Claims 3-7 at this time as their parent claim is believed allowable.

In response to the Office Action's objections to the drawing, Applicant respectfully requests acceptance of substitute Figs. 1 and 2 incorporating the labels "PRIOR ART" as proposed in the Office Action. Two copies of substitute Figs. 1-2 are included herewith. Applicant respectfully requests withdrawal of the objection to the drawing.

In response to the Office Action's objections to Claims 1, 3, and 9, Applicant respectfully believes the amendments to Claims 1, 3, and 9 render the objection moot and requests withdrawal of the objection.

On the merits, the Office Action rejected Claims 1 and 2 under 35 U.S.C. § 102(b) as being anticipated by Buchschacher et al. (U.S. Patent No. 6,052,295; hereinafter "Buchschacher"). The Office Action also rejected Claims 8-10 under 35 U.S.C. § 103(a) as being unpatentable over Messenger (U.S. Patent No. 6,346,903; hereinafter "Messenger") in view of Buchschacher. Applicant respectfully traverses the rejections.

Applicant's Claim 1 recites: "[A] Charge pump device containing at least two stages (S), whereby a stage (S) comprises a switch (SW_n) and a charge device (CS_n) which are arranged to generate a voltage higher than a supply voltage (V_{dd}), whereby the stages (S) are arranged in series and a required multiplication factor (MF) of the charge pump (CP) is adjustable by activating/deactivating a definable number of stages (S), whereby the switches (SW_n) of each stage (S_n) are arranged in the same way and further comprising a gate switch control unit."

Buchschacher fails to recite or suggest a gate switch control unit. Buchschacher recites, for example in Col. 2, lines 43-66, that switches Sw are controlled by external clock input signals or buffered clock input signals. Also, Fig. 2 includes no such gate switch control units. Thus Buchschacher fails to recite or suggest all the claimed limitations of

Applicant's Claim 1. Claim 1 is believed patentable for at least this reason.

Claims 8-10 recite a display driver, a display module, and a telecom terminal substantially corresponding to the charge pump device of Claim 1 and are believed patentable for at least the same reasons.

Claims 2-7 depend from one or another of the independent claims discussed above and are believed patentable for at least the same reasons. In addition, Applicant respectfully believes Claims 2-7 to be independently patentable and request separate consideration of each claim. In addition, Applicant respectfully believes the § 103 rejections of Claims 8-10 to be moot in light of the above remarks and request their withdrawal.

In view of the foregoing remarks, Applicant respectfully requests favorable reconsideration and early passage to issue of the present application.

Applicant's undersigned agent may be reached by telephone at the number given below.

FAX RECEIVED

APR 24 2003

Respectfully submitted,

TECHNOLOGY CENTER 2800

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Approved
5/28/03

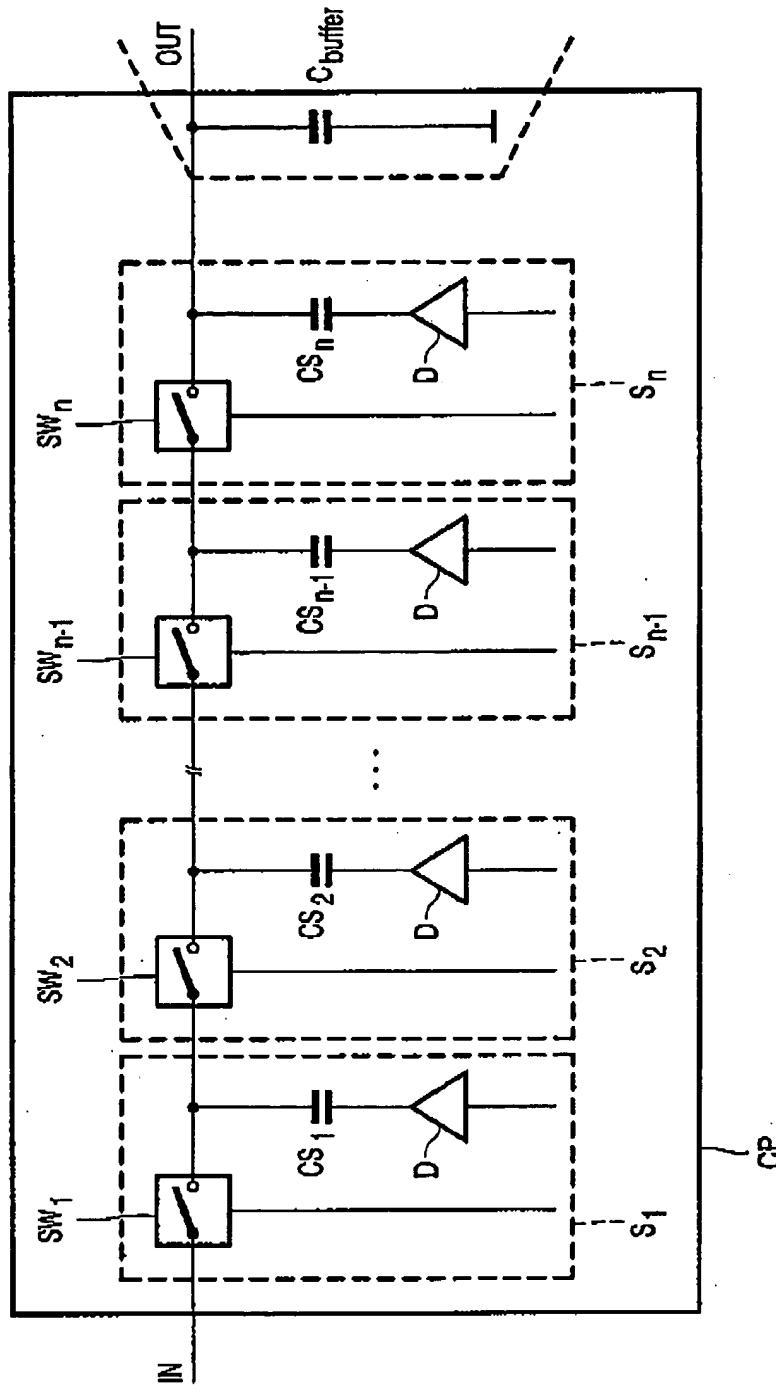


FIG. 1

PRIOR ART

REPLACEMENT SHEET FOR 10/05/97 428 SUBMITTED 4/04/05

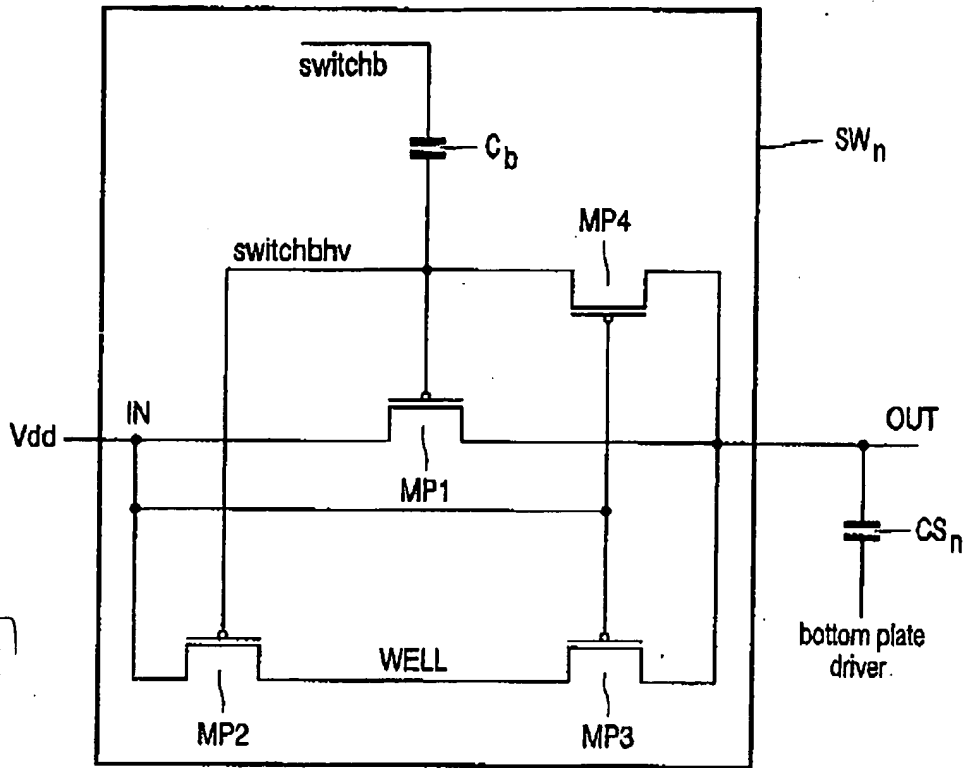


FIG. 2
Prior Art

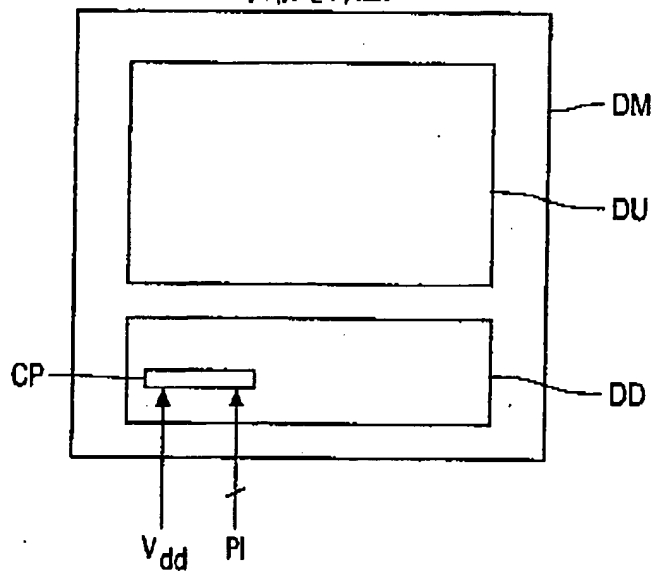


FIG. 4

REPLACEMENT SHEET FOR 10/059,428 SUBMITTED 4/24/05